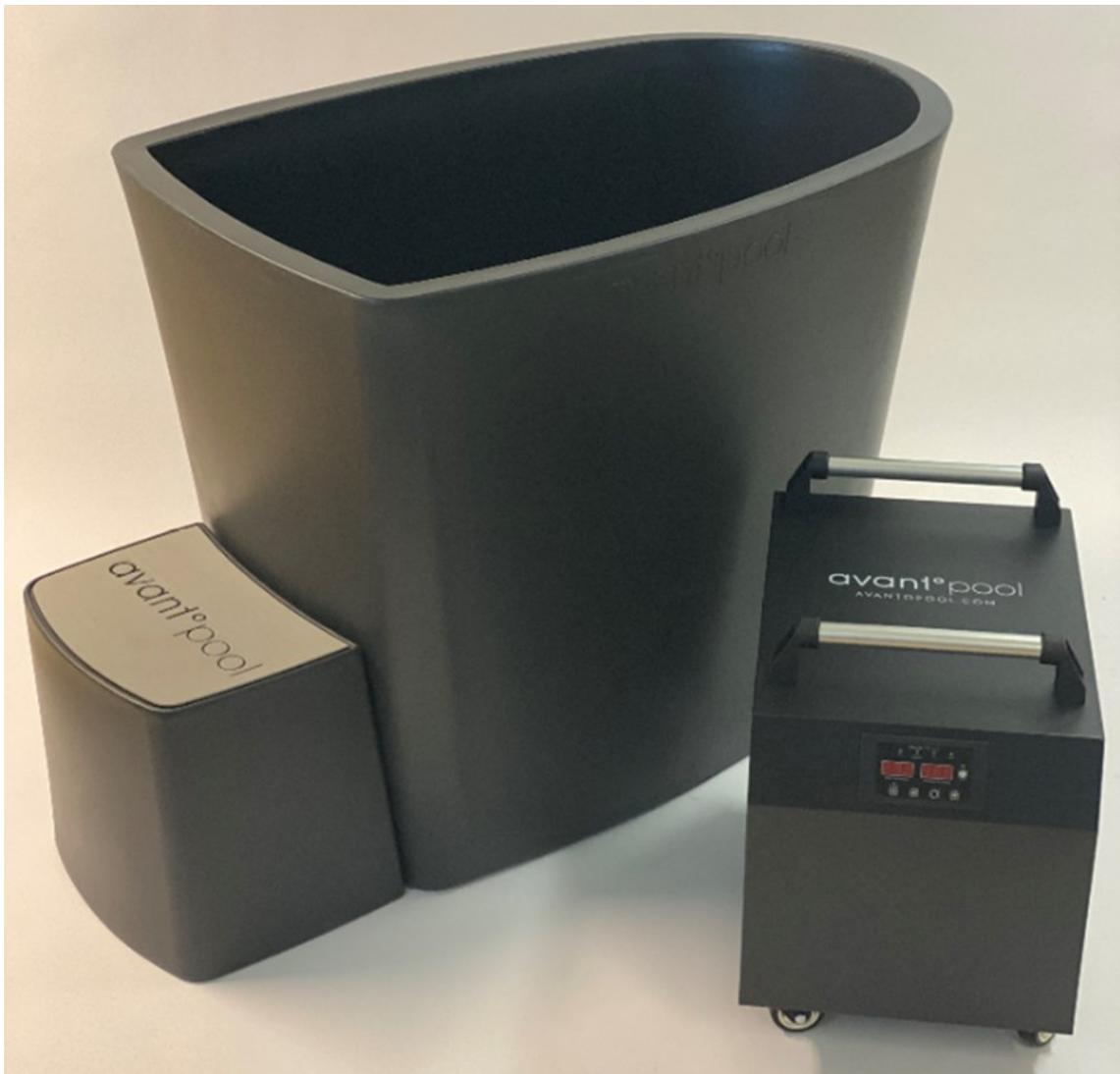


avant°pool

Hanki pool & Cooling unit CU001-S



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Avantopool Hanki pool & cooling unit

User Manual



Thank you for purchasing Avantopool Hanki pool & cooling unit.

Please read this manual carefully before you use it, so that you can operate it correctly.

Also please keep this manual properly for use when necessary.

This manual should be kept for use at any time.

The technical specifications of this product may change without prior notice.

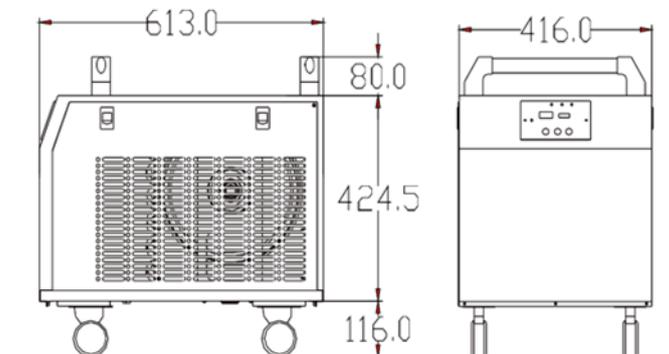
General safety instructions

- *Before you start using the pool, read all instructions and follow them carefully.*
- *Do not let children use the pool unless they are always closely supervised by adults. Do not leave the pool without the cover if children have access to the place where it is stationed.*
- *Persons with reduced physical or kinematic capabilities should not use the pool without sufficient instructions and/or supervision.*
- *Do not use the pool if the plug or supply cord is damaged. Order a new one from your dealer and make sure it is properly installed before re-starting to use the pool.*
- *Do not use any electrical devices while in the pool or while at immediate distance of the pool.*
- *Persons with a history of heart disease, low or high blood pressure, circulatory system problems, diabetes, or any condition requiring medical treatment should consult a physician or a doctor before using the pool.*
- *Persons using medication should consult a physician or a doctor before using the pool since some medication may induce drowsiness while other medication may affect heart rate, blood pressure and circulation.*
- *Pregnant women should consult a physician or a doctor before using the pool*
- *In outdoor use the cooling unit must be protected from rain and snow*
- *Do not use the cooling unit outside in temperatures below 0°C*

1. Technical data

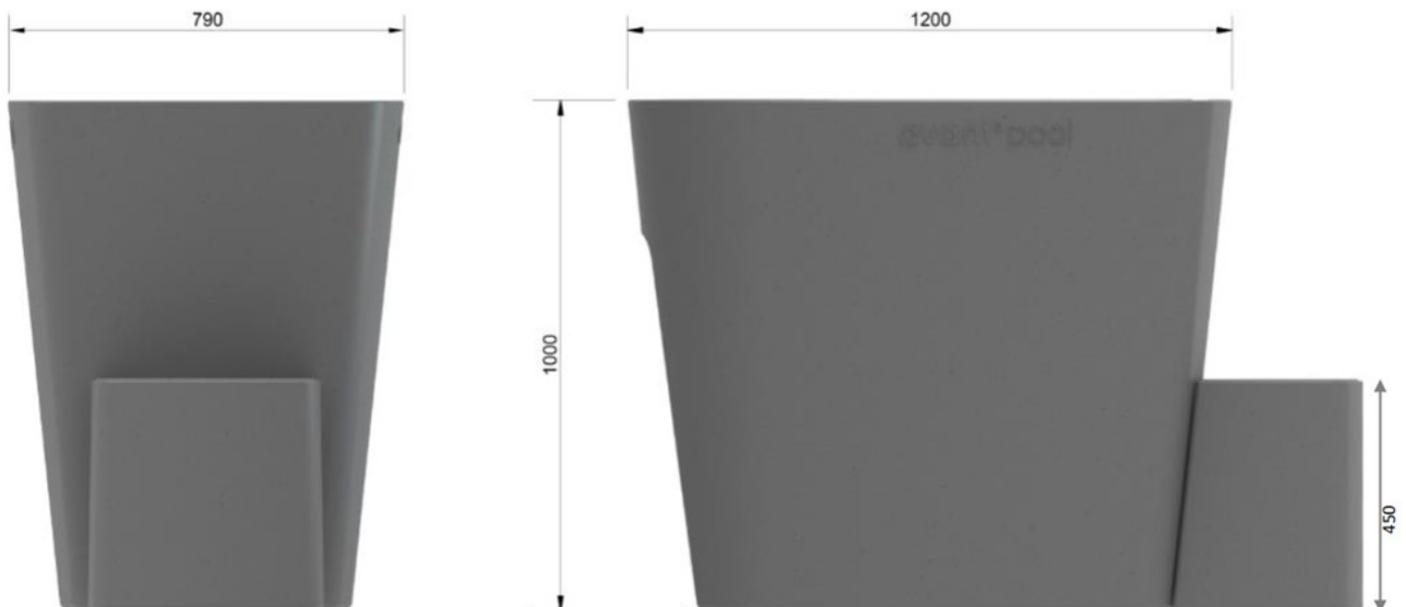
1.1. Hanki Cooling Unit

Temperature range	+4°C - +16°C
Temperature precision	± 0,5°C
Power supply	220-240V/50Hz 10A
Refrigerant	R410A (600g)
Water connection	∅ 19mm (3/4")
Unit size	613mm x 416mm x 620mm
Net weight	48kg



1.2. Hanki Pool

Weight: Pool 39kg
Step 9kg



NOTE:

The Hanki pool is rotational casted polyethylene material. Minor physical marks and color deviation may occur on the surface.

2. Installation

2.1. Pool installation

1. Attaching the step



Place the step close to the pool



Lift up the back side of the pool and slide the step inside the hole

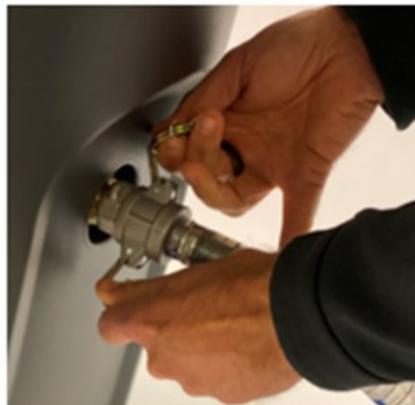


Let down the pool and that the step now in place

2. Attaching the hoses (with Camlock connectors)



Push in the connector

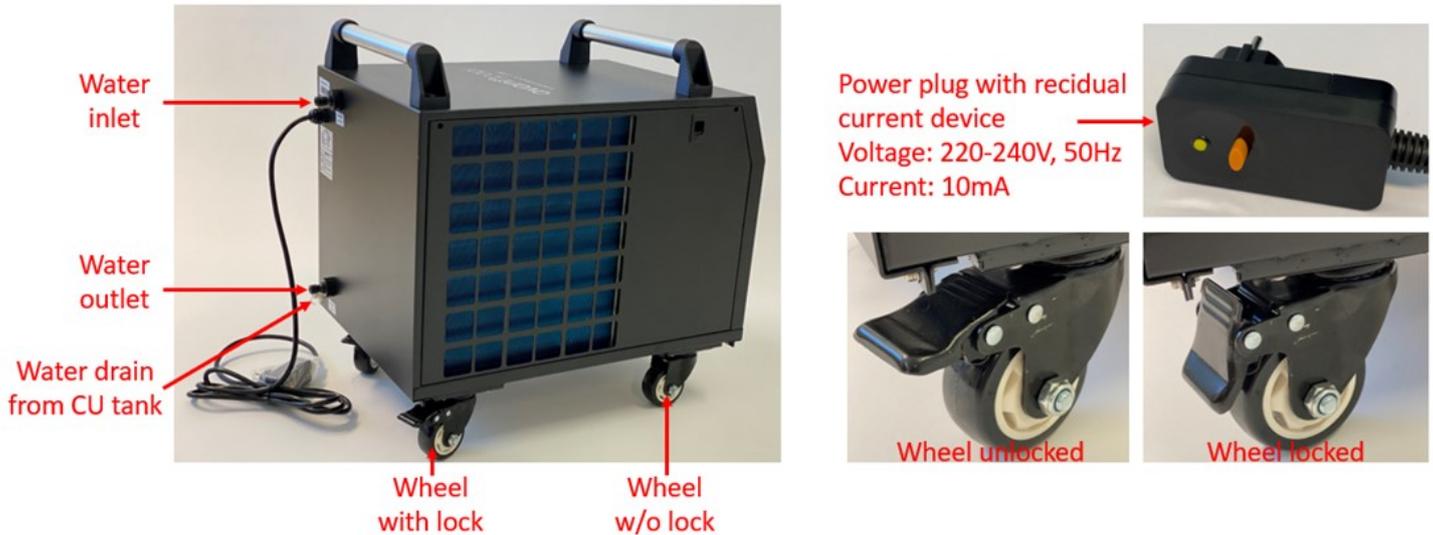


Secure the connector with the tightening handles

NOTE: You can secure the Camlock connectors with the safety pins

2.2. Cooling unit installation

1. The cooling unit is equipped with 4 wheels ensuring easy mobility
2. The cooling unit should be installed in flat position. Keep the cooling unit balanced. Avoid direct water spray. The cooling unit should always be protected from rain. Ensure free ventilation by leaving 30-40cm space on both sides of the cooling unit



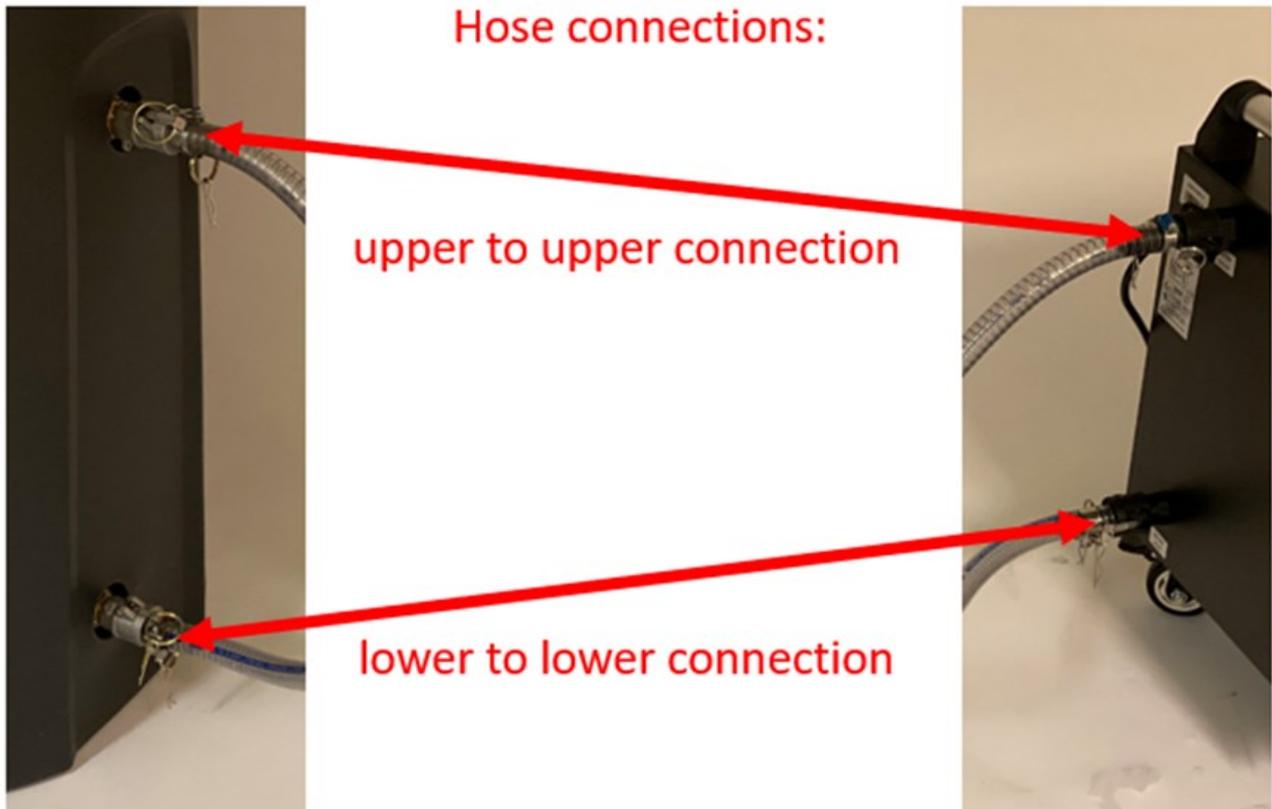
3. Attaching the hoses (with Camlock connectors)



NOTE: You can secure the Camlock connectors with the safety pins

3. Connecting the hoses

Order of hose connections



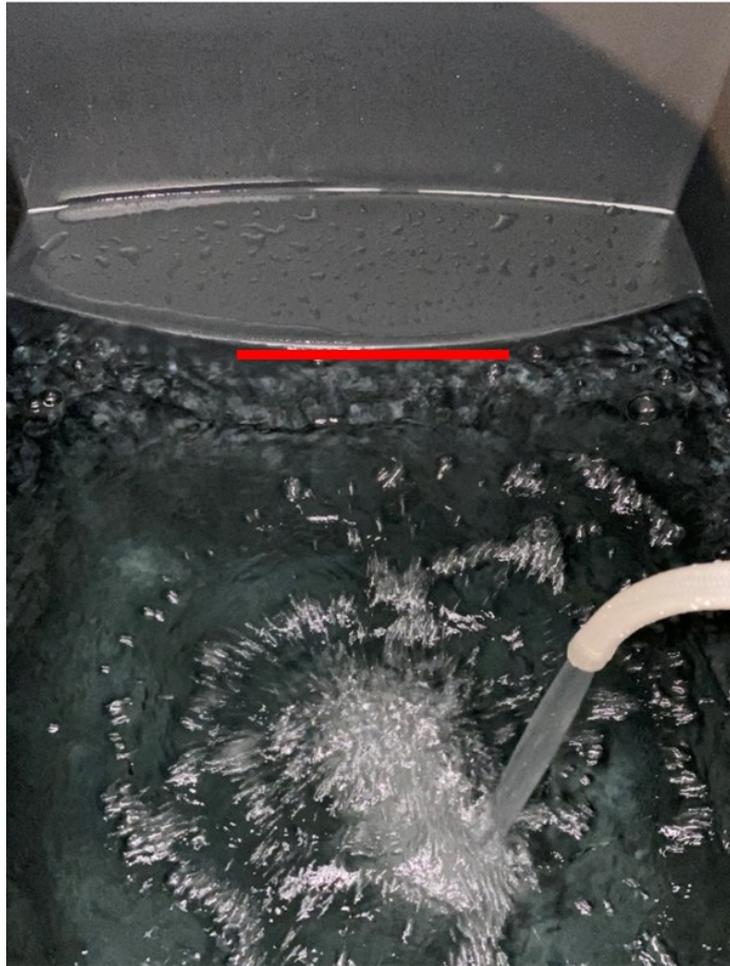
NOTE!



Do not lift up the cooling unit from the connectors!

4. Operating Avantopool Hanki

4.1. Filling the pool and starting the cooling unit



- Fill in the pool with fresh tap water using a garden hose.
- NOTE: Do not use sea water
- When the water level has reached the "bench" level inside the pool, turn on the cooling unit by pushing the "Reset" button in the power plug.
- The pump should start after few seconds and you should see a strong water flow from the pool inlet.
- Continue filling the water up to desired level.
- NOTE: Minimum water level is 10cm above the pool water inlet.

4.1.1. Changing the water

- Change the water every 1-5 days depending on the use of the pool (if chlorine not used)
- If pool chlorine is used, change the water every 5-7 days

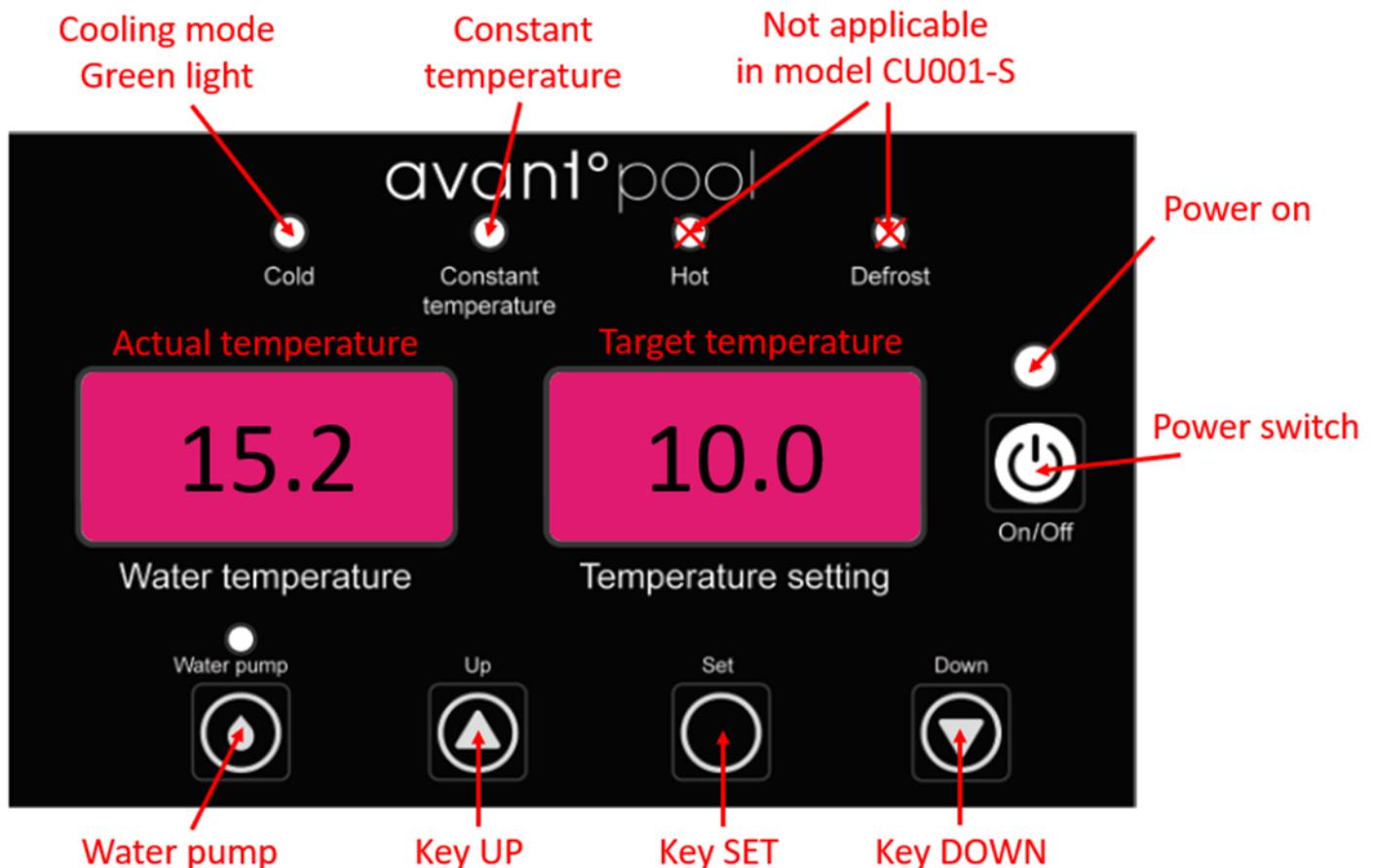
4.2. Operating the control

4.2.1. The cooling unit is operative when the power is turned on and you see the “Power on” light. The pump starts running either automatically or after pressing the “On/Off” button and you see the “Water pump” light.

4.2.2. Control panel description

“Water temperature” display = actual water temperature

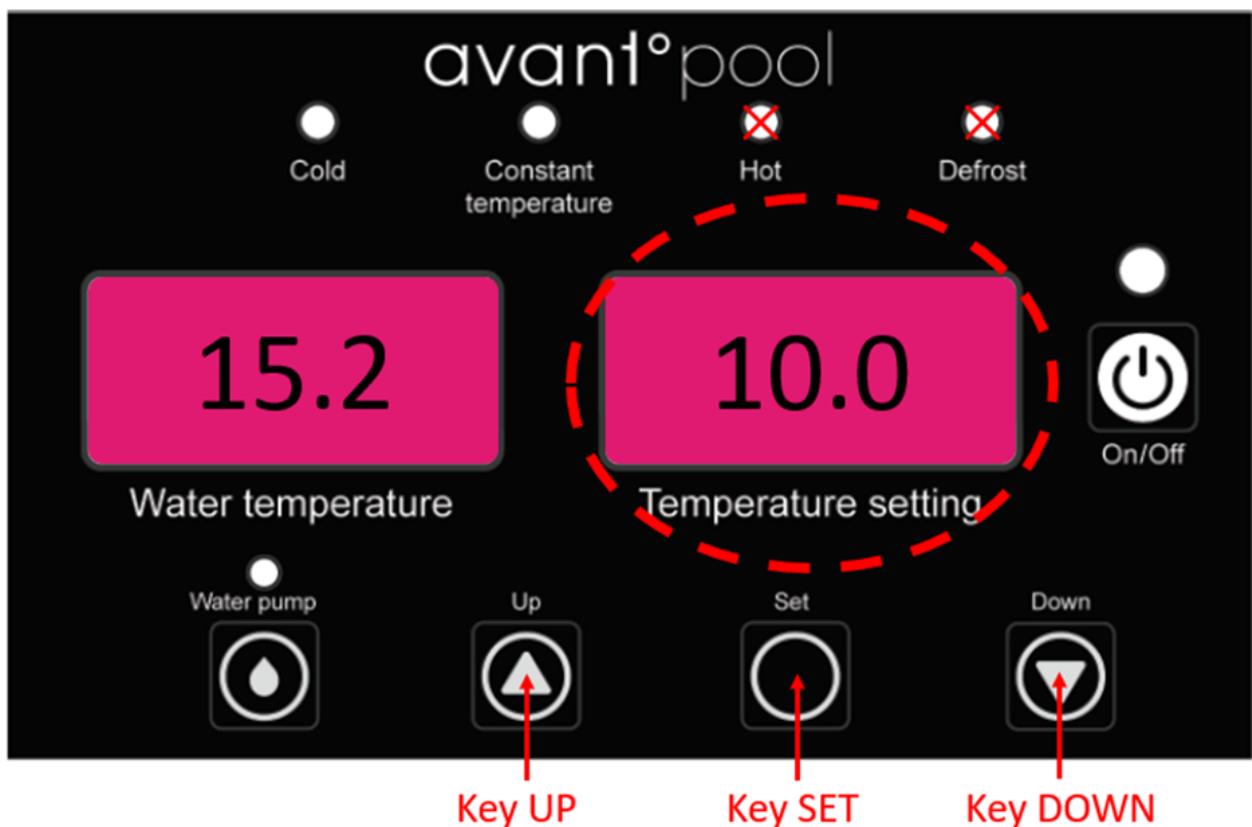
“Temperature setting” display = set target temperature



4.2.3. Setting the target temperature

Press the “Set” key and the “Target temperature” display starts flashing. Press the “Up” or “Down” key for setting the target temperature.

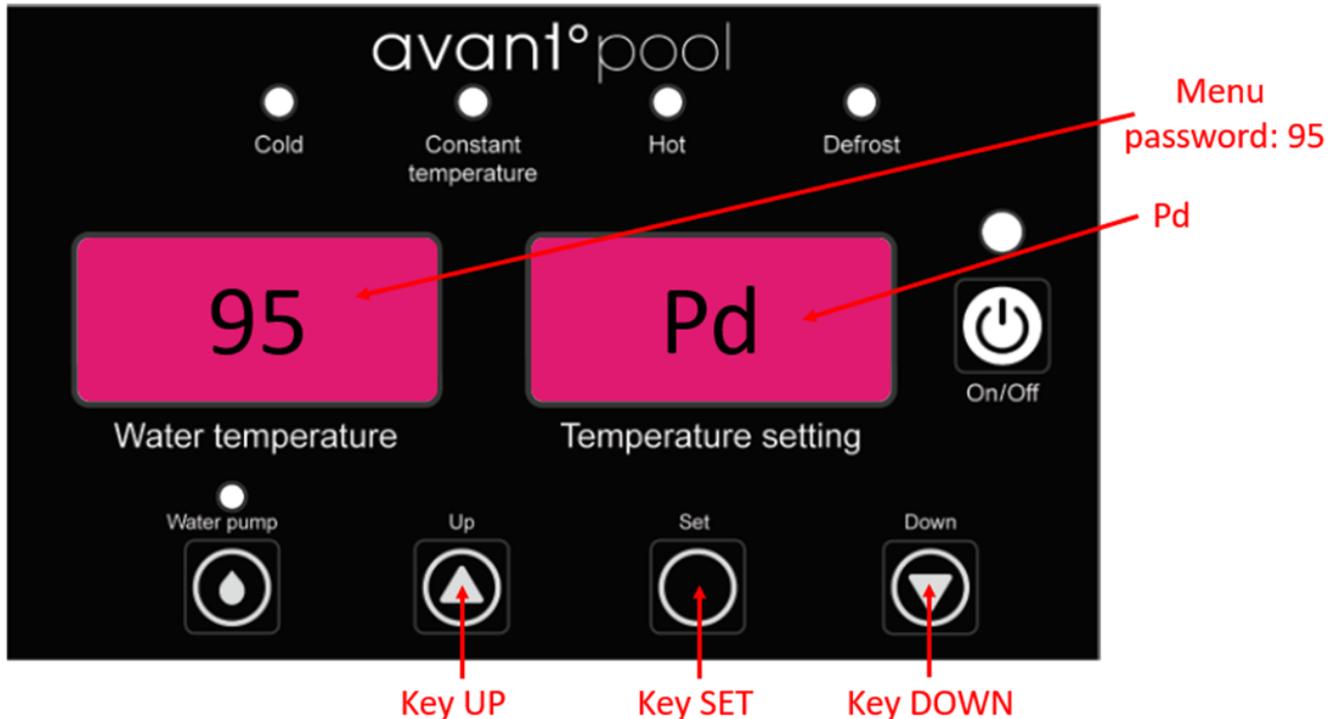
If the new target temperature is not set within 5 seconds, the system will automatically exit the menu and continue operating with the previously set target temperature.



4.2.4. Program menu entry (NO NEED TO MODIFY IF DEFAULT SETTINGS OK)

Press the “set” key for 5 seconds. “Pd” will appear on the “Temperature setting” display. Scroll the password numbers by pushing “Up” / “Down” key until you have “95” on the “Water temperature” display. Then push “Set” key.

Press the “Set” key go to the next menu.

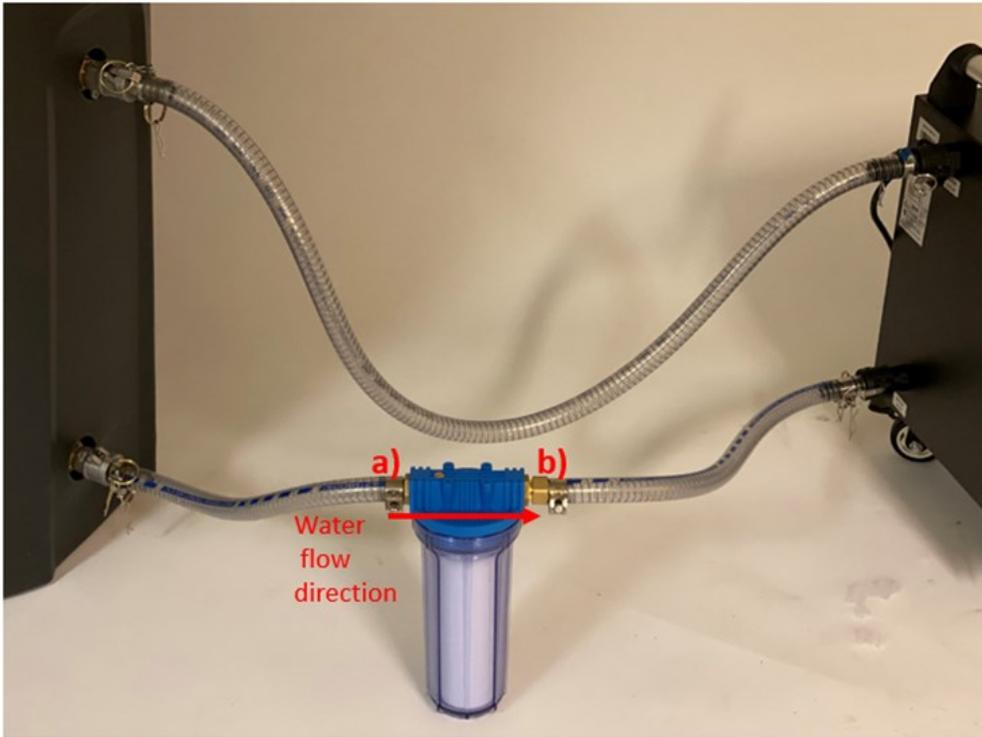


CODE	FUNCTION	RANGE	DEFAULT SETTING
F1	Temperature tolerance	0,3°C - 8°C	0,5°C
F2	Temperature modification	-5°C - +5°C	0
F3	Compressor delay time	1-7 min	3 min
F4	Manu password	1 - 255	95
F9	Celcius – Fahrenheit conversion	00 - 01	00 = °C
FA	NOT APPLICABLE IN MODEL CU001-S		C = Cooling Do not change!
F5			Do not change
F6			Do not change
F7			Do not change
F8			Do not change

Note 1: Codes F5, F6, F7, F8 and FA are not in use in this unit. **Do not change those codes!**

Note 2 (F9): Fahrenheit Degree and Celsius conversion, 00 = Degree Celsius and 01 = Fahrenheit degree.

5. Filter cartridge (optional)

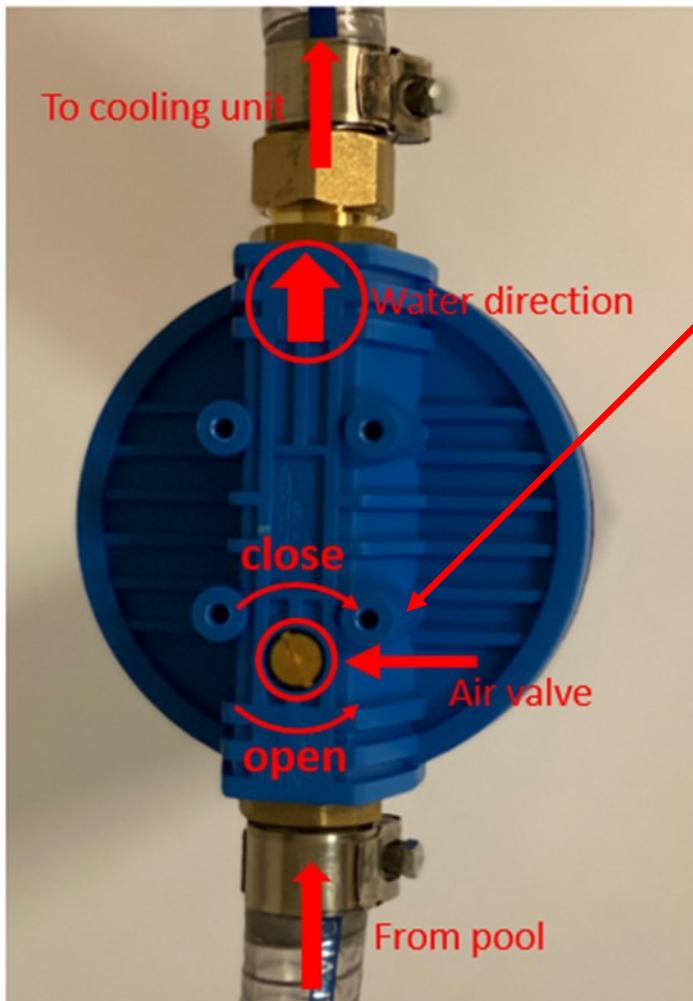


The filter cartridge is solidly attached to the hose
→ connections **a)** & **b)**

Connect the hose with the filter cartridge the same way as the hose without it

Note the water flow direction

Ease the air valve of the filter cartridge with a screwdriver to let out excess air. Once the air is released, tighten the air valve.



6. Maintenance tips

1. Check the power and cable connections regularly. If any problems found, contact your local dealer.
2. Clean the cooling unit regularly (usually 3-4 months) to ensure free ventilation.
3. When the cooling unit is not in use, plug it off.
4. If the cooling unit is not in use for a longer period, let all water out from the cooling unit. The heat exchanger can be emptied from the small plastic discharge plug below the water inlet. Please note there is a tiny rubber plug. Do not lose it.

7. Troubleshooting

1. If the control panel is blank and the cooling unit is not running, check the power supply and/or if the residual-current device has activated. If the power supply is ok but the residual-current device has turned off the power, push the reset button to re-start the unit. Should the problem remain, unplug the device and contact the retailer or manufacturer.
2. If there is no water circulation after switching the unit on, switch off the unit for a while and on again. This may happen due to air locks in the pipes. Repeat if needed until the water starts circulating.
3. If the water is not circulating properly, check the water level and condition of the filter cartridge (if used). Add more water if needed. Clean the filter cartridge or replace it if needed. Should problem remain, please contact the retailer or manufacturer.

8. Warranty

1. Cooling unit warranty is 1 year.
2. The damage caused by improper operation will void the warranty.
3. Do not disassemble the cooling unit without permission. Unauthorized disassemble will void the warranty.
4. For technical support, please contact your local dealer.

EU DECLARATION OF CONFORMITY

Manufacturer:
Avantopool Oy
Finnoonlaaksontie 7
02270 Espoo
FINLAND

Declares that this appliance set to the market:

Avantopool-model: Hanki (CU001-S)

complies with the requirements of Low Voltage Directive 2014/35/EU:

- Household and similar electrical appliances –Safety- General requirements
EN 60335-1:2012+A11:2014+A13:2017

- Measurement methods for electromagnetic fields of household appliances
and similar apparatus with regard to human exposure
EN 62233:2008

and EMC 2014/30/EU requirements:

EN 55014-1:2017
EN 55014-2:2015
EN 61000-3-3:2013
EN 61000-3-2:2014

Espoo 18 / 8 2020



Pekka Nurmi
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